

1636

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,907A

DATE: 04/08/2002

TIME: 10:34:29

Input Set : A:\208888.ST25.txt

Output Set: N:\CRF3\04082002\I831907A.raw

3 <110> APPLICANT: BEAUVILLAIN, JEAN-CLAUDE  
 4 COULOUARN, YOLAINE  
 5 JEGOU, SYLVIE  
 6 LIHRMANN, ISABELLE  
 7 VAUDRY, HUBERT  
 9 <120> TITLE OF INVENTION: MAMMALIAN UROTENSINS II AND APPLICATIONS THEREOF  
 11 <130> FILE REFERENCE: 208888US0PCT  
 13 <140> CURRENT APPLICATION NUMBER: 09/831,907A  
 C--> 14 <141> CURRENT FILING DATE: 2001-09-18  
 16 <150> PRIOR APPLICATION NUMBER: FR 98/14914  
 17 <151> PRIOR FILING DATE: 1998-11-26  
 19 <160> NUMBER OF SEQ ID NOS: 64  
 21 <170> SOFTWARE: PatentIn version 3.1  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 124  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE  
 31 <400> SEQUENCE: 1  
 33 Met Tyr Lys Leu Ala Ser Cys Cys Leu Leu Phe Ile Gly Phe Leu Asn  
 34 1 5 10 15  
 37 Pro Leu Leu Ser Leu Pro Leu Leu Asp Ser Arg Glu Ile Ser Phe Gln  
 38 20 25 30  
 41 Leu Ser Ala Pro His Glu Asp Ala Arg Leu Thr Pro Glu Glu Leu Glu  
 42 35 40 45  
 45 Arg Ala Ser Leu Leu Gln Ile Leu Pro Glu Met Leu Gly Ala Glu Arg  
 46 50 55 60  
 49 Gly Asp Ile Leu Arg Lys Ala Asp Ser Ser Thr Asn Ile Phe Asn Pro  
 50 65 70 75 80  
 53 Arg Gly Asn Leu Arg Lys Phe Gln Asp Phe Ser Gly Gln Asp Pro Asn  
 54 85 90 95  
 57 Ile Leu Leu Ser His Leu Leu Ala Arg Ile Trp Lys Pro Tyr Lys Lys  
 58 100 105 110  
 61 Arg Glu Thr Pro Asp Cys Phe Trp Lys Tyr Cys Val  
 62 115 120  
 65 <210> SEQ ID NO: 2  
 66 <211> LENGTH: 104  
 67 <212> TYPE: PRT  
 68 <213> ORGANISM: Artificial Sequence  
 70 <220> FEATURE:  
 71 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE  
 73 <400> SEQUENCE: 2

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```

75 Leu Pro Leu Leu Asp Ser Arg Glu Ile Ser Phe Gln Leu Ser Ala Pro
76 1          5          10          15
79 His Glu Asp Ala Arg Leu Thr Pro Glu Glu Leu Glu Arg Ala Ser Leu
80          20          25          30
83 Leu Gln Ile Leu Pro Glu Met Leu Gly Ala Glu Arg Gly Asp Ile Leu
84          35          40          45
87 Arg Lys Ala Asp Ser Ser Thr Asn Ile Phe Asn Pro Arg Gly Asn Leu
88          50          55          60
91 Arg Lys Phe Gln Asp Phe Ser Gly Gln Asp Pro Asn Ile Leu Leu Ser
92 65          70          75          80
95 His Leu Leu Ala Arg Ile Trp Lys Pro Tyr Lys Lys Arg Glu Thr Pro
96          85          90          95
99 Asp Cys Phe Trp Lys Tyr Cys Val

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100 100

103 &lt;210&gt; SEQ ID NO: 3

104 &lt;211&gt; LENGTH: 11

105 &lt;212&gt; TYPE: PRT

106 &lt;213&gt; ORGANISM: Artificial Sequence

108 &lt;220&gt; FEATURE:

109 &lt;223&gt; OTHER INFORMATION: SYNTHETIC PEPTIDE

111 &lt;400&gt; SEQUENCE: 3

113 Glu Thr Pro Asp Cys Phe Trp Lys Tyr Cys Val

114 1 5 10

117 &lt;210&gt; SEQ ID NO: 4

118 &lt;211&gt; LENGTH: 551

119 &lt;212&gt; TYPE: DNA

120 &lt;213&gt; ORGANISM: Artificial Sequence

122 &lt;220&gt; FEATURE:

123 &lt;223&gt; OTHER INFORMATION: SYNTHETIC DNA

125 &lt;400&gt; SEQUENCE: 4

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126 ccaagaagga agccgtctat cttgtggcga tcatgtataa gctggcctcc tgctgtttgc      60
128 ttttcatagg attcttaaat cctctcttat ctcttcctct ccttgactcc agggaaatat      120
130 cctttcaact ctcagcacct catgaagacg cgcgcttaac tccggaggac gtagaaagag      180
132 cttcccttct acagatactg ccagagatgc tgggtgcaga aagaggggat attctcagga      240
134 aagcagactc aagtaccaac atttttaacc caataggaaa tttgagaaag tttcaggatt      300
136 tctctggaca agatcctaac attttactga gtcattcttt ggccagaatc tggaaaccat      360
138 acaagaaacg tgagactcct gattgcttct ggaaatactg tgtctgaagt gaaataagca      420
140 tctgttagtc agctcagaaa caccatctt agaatatgaa aaataacaca atgcttgatt      480
142 tgaaaacagt gtggagaaaa actaggcaaa ctacaccctg ttcattgtta cctggaaaat      540
144 aaatcctcta t                                     551

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147 &lt;210&gt; SEQ ID NO: 5

148 &lt;211&gt; LENGTH: 315

149 &lt;212&gt; TYPE: DNA

150 &lt;213&gt; ORGANISM: Artificial Sequence

152 &lt;220&gt; FEATURE:

153 &lt;223&gt; OTHER INFORMATION: SYNTHETIC DNA

155 &lt;400&gt; SEQUENCE: 5

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156 cttcctctcc ttgactccag ggaaatatcc tttcaactct cagcacctca tgaagacgcg      60
158 cgcttaactc cggaggagct agaaagagct tcccttctac agatactgcc agagatgctg      120

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160 ggtgcagaaa gaggggatat tctcaggaaa gcagactcaa gtaccaacat ttttaaccca 180
162 agaggaaatt tgagaaagtt tcaggatttc tctggacaag atcctaacat ttactgagt 240
164 catcttttgg ccagaatctg gaaaccatac aagaaacgtg agactcctga ttgcttctgg 300
166 aaatactgtg tctga 315
169 <210> SEQ ID NO: 6
170 <211> LENGTH: 36
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: SYNTHETIC DNA
177 <400> SEQUENCE: 6
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181 <210> SEQ ID NO: 7
182 <211> LENGTH: 26
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: SYNTHETIC DNA
189 <400> SEQUENCE: 7
190 aaccaagag gaaatttgag aaagtt 26
193 <210> SEQ ID NO: 8
194 <211> LENGTH: 25
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: SYNTHETIC DNA
201 <400> SEQUENCE: 8
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205 <210> SEQ ID NO: 9
206 <211> LENGTH: 7
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE
213 <400> SEQUENCE: 9
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216 1 5
219 <210> SEQ ID NO: 10
220 <211> LENGTH: 19
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: SYNTHETIC DNA
227 <400> SEQUENCE: 10
228 ctgccagaga tgctgggtg 19
231 <210> SEQ ID NO: 11
232 <211> LENGTH: 24
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence

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236 <220> FEATURE:
237 <223> OTHER INFORMATION: SYNTHETIC DNA
239 <400> SEQUENCE: 11
240 gacacagtat ttccagaagc aatc 24
243 <210> SEQ ID NO: 12
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: SYNTHETIC DNA
251 <400> SEQUENCE: 12
252 cctcctgctg ttgcttttc 20
255 <210> SEQ ID NO: 13
256 <211> LENGTH: 20
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: SYNTHETIC DNA
263 <400> SEQUENCE: 13
264 cccagcatct ctggcagtat 20
267 <210> SEQ ID NO: 14
268 <211> LENGTH: 20
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: SYNTHETIC DNA
275 <400> SEQUENCE: 14
276 gaagccgtct atcttgtggc 20
279 <210> SEQ ID NO: 15
280 <211> LENGTH: 20
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: SYNTHETIC DNA
287 <400> SEQUENCE: 15
288 cgtctatctt gtggcgatca 20
291 <210> SEQ ID NO: 16
292 <211> LENGTH: 20
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: SYNTHETIC DNA
299 <400> SEQUENCE: 16
300 cgtcttcatg aggtgctgag 20
303 <210> SEQ ID NO: 17
304 <211> LENGTH: 20
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:

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DATE: 04/08/2002

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TIME: 10:34:29

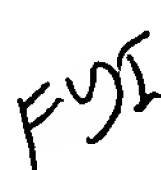
Input Set : A:\208888.ST25.txt

Output Set: N:\CRF3\04082002\I831907A.raw

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312 ggaagccgtc tatcttgtgg 20
315 <210> SEQ ID NO: 18
316 <211> LENGTH: 529
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: SYNTHETIC DNA
323 <400> SEQUENCE: 18
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326 ctgctcttcg taggactcct gaatccactc ctgtcttttc ccgtcacgga cactggtgaa 120
328 atgtctcttc agcttccagt gcttgaggaa aatgctcttc gggctctgga ggagctggag 180
330 aggactgccc tcctgcagac gctgcgccag accgtgggca cagaagcaga gggaagcctt 240
332 ggccaggcag atcccagtcg cgagactccc actccaaggg gaagcttgag gaaggctctc 300
334 actgggcaag attctaacac tgtactgagc cgtcttttgg cgagaaccag gaaacaacgt 360
336 aagcaacacg ggactgcccc agaatgcttc tggaagtact gcatttgaag agagacgtct 420
338 cctcagaacc atcacttcag gaaactaaag agcagatgct tgaagaaaaa tcgtgccaac 480
340 aacgccccgt tctccactat gagaaataaa ccctctatgt ttctcaact 529
343 <210> SEQ ID NO: 19
344 <211> LENGTH: 312
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial Sequence
348 <220> FEATURE:
349 <223> OTHER INFORMATION: SYNTHETIC DNA
351 <400> SEQUENCE: 19
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354 cttcgggctc tggaggagct ggagaggact gccctcctgc agacgtgcg ccagaccgtg 120
356 ggcacagaag cagagggaag ccttggccag gcagatccca gtgccgagac tcccactcca 180
358 aggggaagct tgaggaaggc tctcactggg caagattcta aactgtact gagccgtctt 240
360 ttggcgagaa ccaggaaaca acgtaagcaa cacgggactg cccagaatg cttctggaag 300
362 tactgcattt ga 312
365 <210> SEQ ID NO: 20
366 <211> LENGTH: 42
367 <212> TYPE: DNA
368 <213> ORGANISM: Artificial Sequence
370 <220> FEATURE:
371 <223> OTHER INFORMATION: SYNTHETIC DNA
373 <400> SEQUENCE: 20
374 caacacggga ctgccccaga atgcttctgg aagtactgca tt 42
377 <210> SEQ ID NO: 21
378 <211> LENGTH: 20
379 <212> TYPE: DNA
380 <213> ORGANISM: Artificial Sequence
382 <220> FEATURE:
383 <223> OTHER INFORMATION: SYNTHETIC DNA
385 <400> SEQUENCE: 21
386 agcttccagt gcttgaggaa 20
389 <210> SEQ ID NO: 22

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 Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence listing n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/831,907A

DATE: 04/08/2002

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Input Set : A:\208888.ST25.txt

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45